

Serial No. 10/719,017

IN THE CLAIMS:

1.to 3. (Canceled)

4. (Previously Presented) A polymer insulator apparatus comprising a rigidly and unrotatably connected rectangular structure comprising plural polymer post insulators, a supporting structure and a plate member, wherein a first end of each polymer post insulator is rigidly and unrotatably connected to said supporting structure, and a second end of each said polymer post insulator is rigidly and unrotatably connected to said plate member.

5. (Previously Presented) A method for mounting plural polymer post insulators on a supporting structure, comprising:
providing a supporting structure and plural polymer post insulators;

rigidly and unrotatably connecting a first end of each said plural polymer post insulator to the supporting structure; and

Serial No. 10/719,017

rigidly and unrotatably connecting a second end of each said plural polymer post insulator whereby said plural polymer post insulators are parallel to each other and normal to the supporting structure, thereby forming a rigidly and unrotatably connected rectangular structure.

6. (Currently Amended) The method according to Claim 5, wherein said first end of each said polymer post insulator is connected to said supporting structure by a first rigid body comprising a part of said polymer post insulator, and said second end of each said polymer post insulator is connected ~~permanently~~ fixedly to a plate member by a second rigid body comprising a part of said polymer post insulator.

7. (Canceled)

8. (Previously Presented) The method according to Claim 5, wherein when an axial direction along a length of each said plural polymer post insulator is substantially a horizontal direction and an axial direction along a length of said

Serial No. 10/719,017

supporting structure is substantially a vertical direction, then said plural polymer post insulators are for supporting a weight of a load acting in the vertical direction.

9. (Previously Presented) The polymer insulator apparatus according to Claim 4, wherein said supporting structure is configured for operating with an electric power transmission line.

10. (Previously Presented) The method according to Claim 5, wherein said supporting structure is configured for operating with an electric power transmission line.

11. (Previously Presented) A polymer insulator apparatus comprising a rigidly and unrotatably connected rectangular structure comprising plural polymer post insulators, a supporting structure and a plate member, wherein a first end of each polymer post insulator is rigidly and unrotatably connected to said supporting structure, and a second end of each said polymer post insulators is rigidly and unrotatably connected to

Serial No. 10/719,017

said plate member, wherein said supporting structure is selected from the group consisting of a steel pole, a wood pole or a steel tower.

12. (Previously Presented) A method for mounting plural polymer post insulators on a supporting structure, comprising:

providing a supporting structure and plural polymer post insulators;

rigidly and unrotatably connecting a first end of each said plural polymer post insulator to the supporting structure; and

rigidly and unrotatably connecting a second end of each said plural polymer post insulator whereby said plural polymer post insulators are parallel to each other and normal to the supporting structure, thereby forming a rigidly and unrotatably connected rectangular structure, wherein

said supporting structure is selected from the group consisting of a steel pole, a wood pole or a steel tower.